

Cleaning of semipermeable **membranes** in filtration units

L20 ANSWER 9 OF 121 HCA COPYRIGHT 2002 ACS FAMILY 4  
AN 87:156960 HCA  
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PA Sumitomo Chemical Co., Ltd., Japan  
SO Japan. Kokai, 3 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 52058078	A2	19770513	JP 1975-134314	19751108
AB	A contaminated semipermeable <b>membrane</b> (parallel flow) filter unit (reverse osmosis or ultrafiltration) is regularly flushed in a short period with a high pressure gas to contact the <b>membrane</b> with a gas-liq. mixt., thus removing the contaminated layer. The method is used for any shape of unit. Thus, a tubular cellulose acetate [9004-35-7] <b>membrane</b> filter unit for tap water was used 200 h, then flushed 3 min with N at 35 kg/cm <sup>2</sup> . The salt removal was 94.8% initially, 89.7% after 200 h use, and 94.7% after cleaning.			